

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

12/24/10

Aaron Strojny
Assistant District Attorney, Bristol County

Dear ADA Strojny,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Khan (Dookhan), and Della Saunders.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

I, Annie Dookhan, was the custodial chemist and performed the preliminary testing and net weight for this sample. Della Saunders was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in cursive script, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts

Executive Office of Health and Human Services

Department of Public Health

State Laboratory Institute

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

DRUG RECEIPT

City or Department:

TALMONT

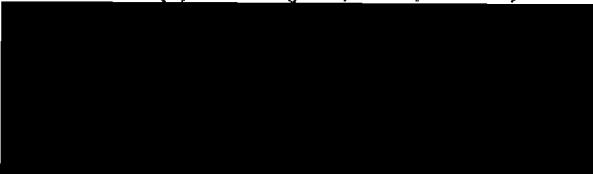
Police Reference No.:



Name and Rank of Submitting Officer:

JAMES DYKAS, DET

Defendant(s) Name (last, first, initial):



To be completed by Submitter

Description of Items Submitted

To be completed by Lab Personnel

Gross Weight

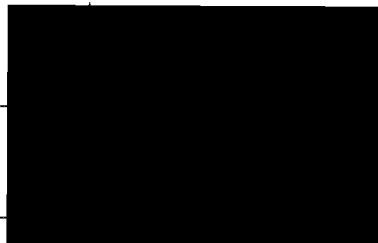
Lab Number

1 pb sub 'A'

33.54 gm

1 pb sub 'B'

17.42 gm



Received by:

[Signature]

Date:

6-8-09

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.

*Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals.

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Della Saunders

Education:

Boston University Boston, MA. Bachelors of Arts in Chemistry 1982

Experience:

1985-present: Currently Chemist III Massachusetts Department of Public Health Drug Analysis Laboratory at State Laboratory Institute Boston, MA. Responsible for analyzing unknown substances submitted by Massachusetts law enforcement agencies; operating, maintaining, and interpreting data from analytical equipment (analytical balance, microscope, gas chromatogram, ultraviolet spectrometer, infrared spectrometer, gas chromatogram/mass spectrometer); training junior level chemists; providing expert testimony to local, state, and federal courts in the Commonwealth of Massachusetts.

1984-1985: Laboratory Technician in the Media Laboratory at State Laboratory Institute Boston, MA. Responsible for making chemical reagents and media plates; operating and maintaining laboratory equipment (autoclave, pH meter, ultra-violet hood), and collecting safety data for laboratory protocols.

Training:

1985: Six week training with Senior Staff at Massachusetts Department of Public Health (MDPH) Drug Analysis Laboratory Boston, MA. Appointed Assistant Analyst MDPH

1987: One week training course in drug analysis given by the Federal Drug Enforcement Agency (DEA) McLean, VA.

1992: Training in Gas Chromatograph/Mass Spectroscopy (GC/MS) Hewlett Packard (Agilent)

1996: Training in Fourier Transform Infra-Red Spectroscopy ETA (Analect)

2001: Expert Witness Workshop National Laboratory Training network Quality Assurance/Quality Control Training (MDPH)

2002: Techniques of Supervision Training (MDPH)

1999: Notary Public Commonwealth of Massachusetts

No. [REDACTED] Date Analyzed: AUG 25 2009
City: Taunton Police Dept.
Officer: Detective JAMES DYKAS
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 06/08/2009 No. Analyzed:
Gross Wt.: 33.54 Net Weight: 24.89
Tests: 6 ASD
Prelim: cocaine Findings: cocaine
+2 Pof

No. [REDACTED] Date Analyzed: AUG 25 2009
City: Taunton Police Dept.
Officer: JAMES DYKAS
Def: [REDACTED] Subst: SUB
Amount:
No. Cont: 1 Cont: pb
Date Rec'd: 06/08/2009 No. Analyzed:
Gross Wt.: 17.42 Net Weight: 8.79
Tests: 6 ASD
Prelim: cocaine Findings: cocaine
+2 Pof

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Taunton ANALYST ADD

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

white chunky substance in
17 ipb.

Gross Wt (): 26.2299

Gross Wt ():

Pkg. Wt:

Net Wt: 24.8980

Net wt = 24.8813

Mettler AB104 1117132502
Ohaus N11110 1125453269

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)
Marquis -
Froehde's -
Mecke's -

Microcrystalline Tests

Gold
Chloride +
TLTA (+)

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 08-21-09

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR DCS

DATE 8-25-09

DRUG POWDER ANALYSIS FORM

SAMPLE #	AGENCY <u>Taunton</u>	ANALYST	<u>ASD</u>
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No. of samples tested:	Evidence Wt.
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PHYSICAL DESCRIPTION:

white powdered substance
17-03

Gross Wt (): 10.2034

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 8-7960

Net = 8-7873

Mettler AB104 1117132502
Ohaus N15110 1125493269

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (+)

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride $\frac{1}{2}$

TLTA (+)

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 08-21-09

GC/MS CONFIRMATORY TEST

RESULTS CO C AND

MS
OPERATOR DCS

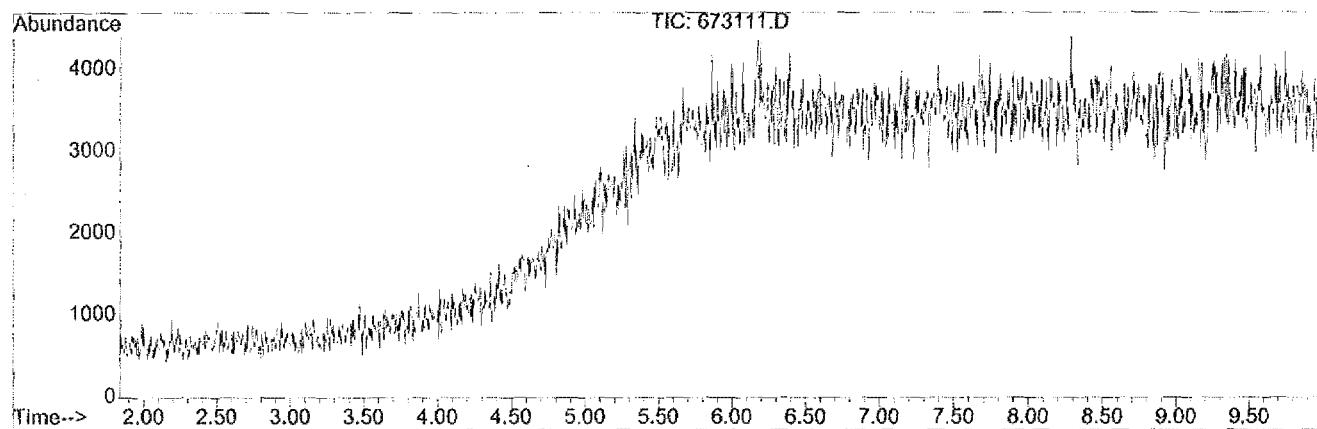
DATE 8-25-1969

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673111.D
Operator : DCS
Date Acquired : 24 Aug 2009 12:20
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE

✓ ASD
12-23-10



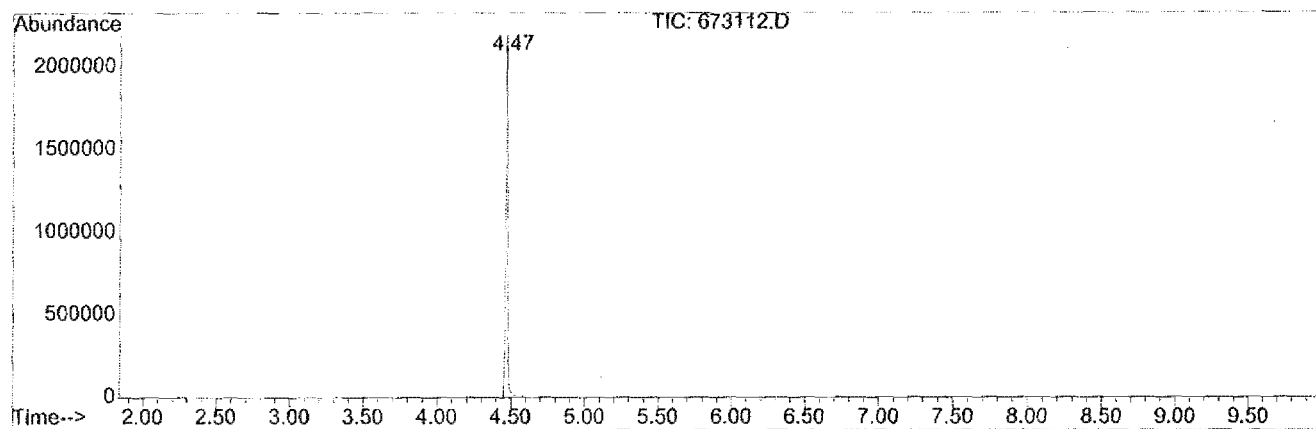
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673112.D
 Operator : DCS
 Date Acquired : 24 Aug 2009 12:32
 Sample Name : COCAINE STANDARD
 Submitted by :
 Vial Number : 12
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.469	2023157	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

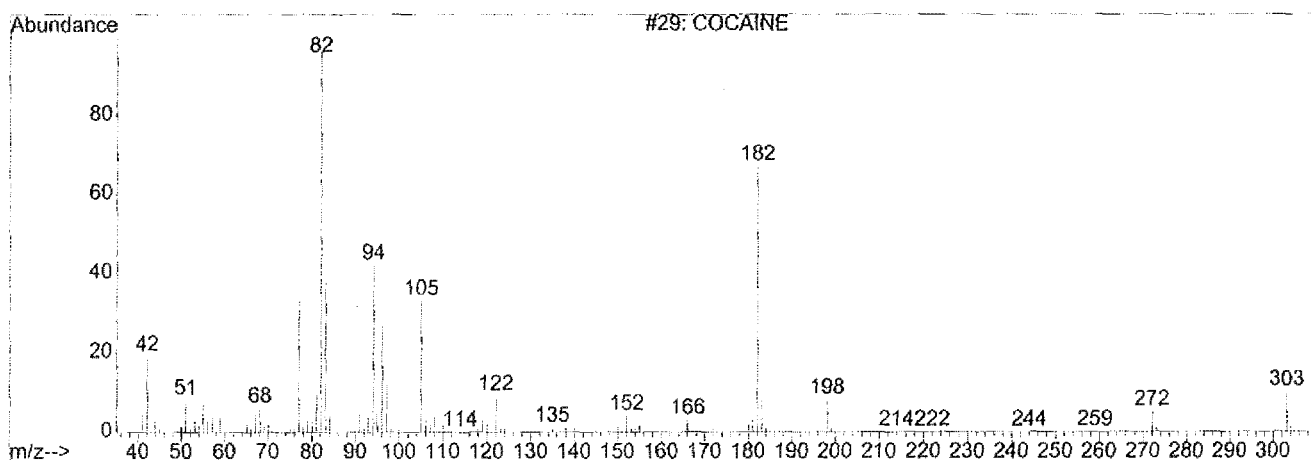
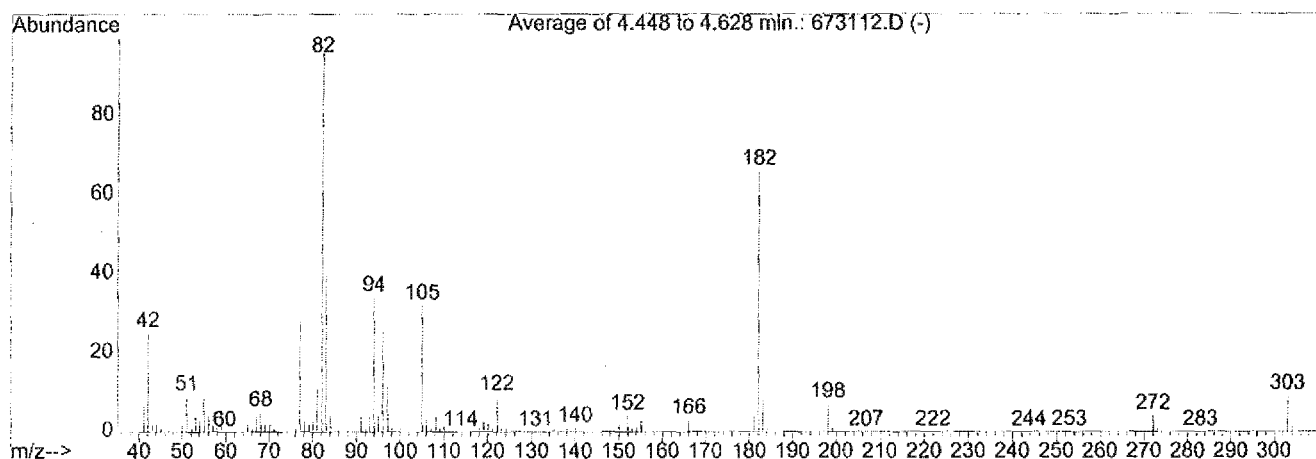
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File Name       : F:\Q3-2009\SYSTEM7\08_24_09\673112.D
Operator        : DCS
Date Acquired   : 24 Aug 2009  12:32
Sample Name     : COCAINE STANDARD
Submitted by    :
Vial Number     : 12
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries:  C:\DATABASE\SLI.L           Minimum Quality: 90
                   C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                   C:\DATABASE\NIST98.L
  
```

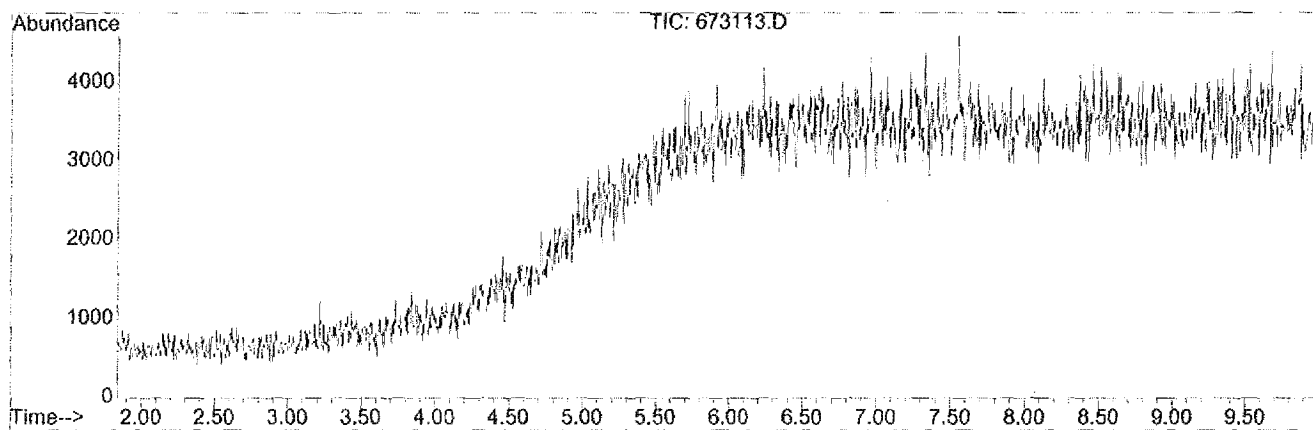
PK#	RT	Library/ID	CAS#	Qual
1	4.47	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673113.D
Operator : DCS
Date Acquired : 24 Aug 2009 12:45
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



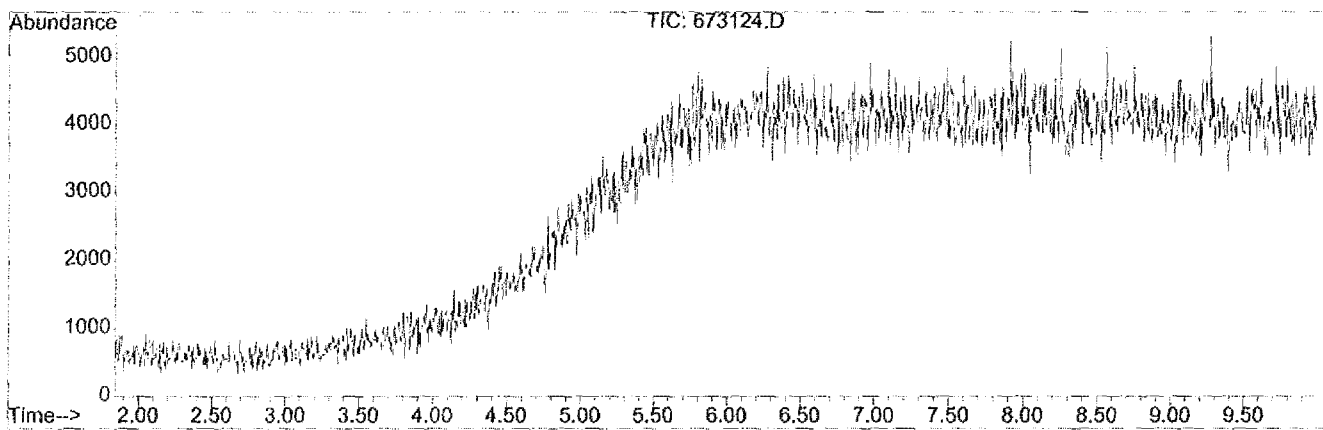
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673124.D
Operator : DCS
Date Acquired : 24 Aug 2009 15:04
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



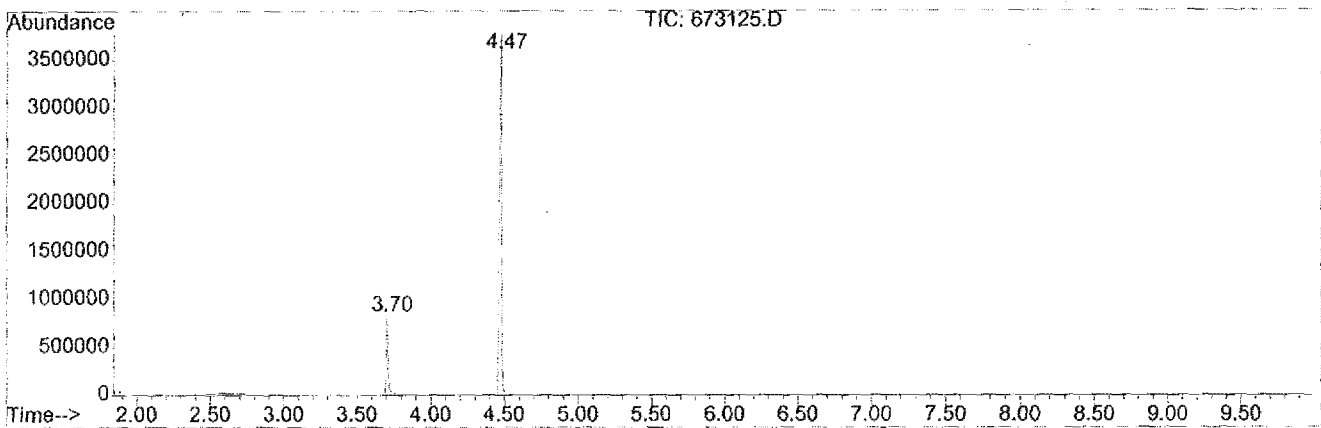
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673125.D
 Operator : DCS
 Date Acquired : 24 Aug 2009 15:16
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 25
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.701	891317	18.70	23.00
4.474	3874827	81.30	100.00

Area Percent / Library Search Report

Information from Data File:

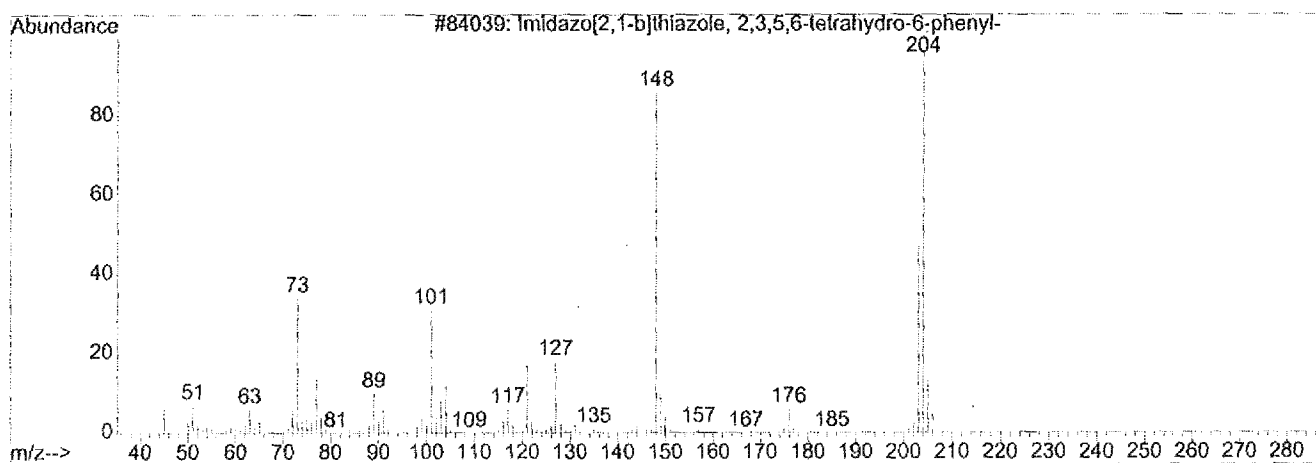
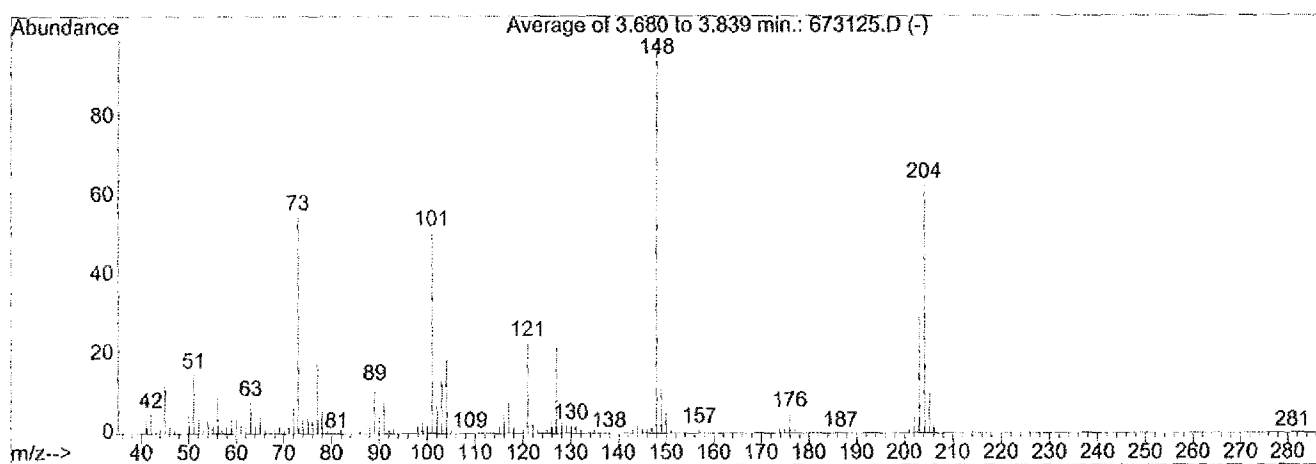
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File Name       : F:\Q3-2009\SYSTEM7\08_24_09\673125.D
Operator        : DCS
Date Acquired   : 24 Aug 2009  15:16
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.70	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	97



Area Percent / Library Search Report

Information from Data File:

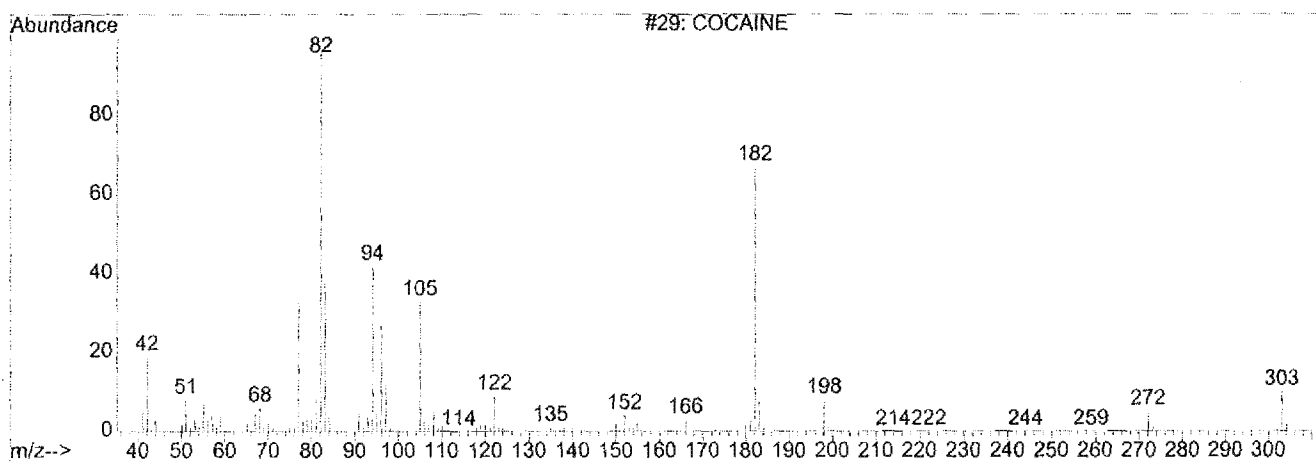
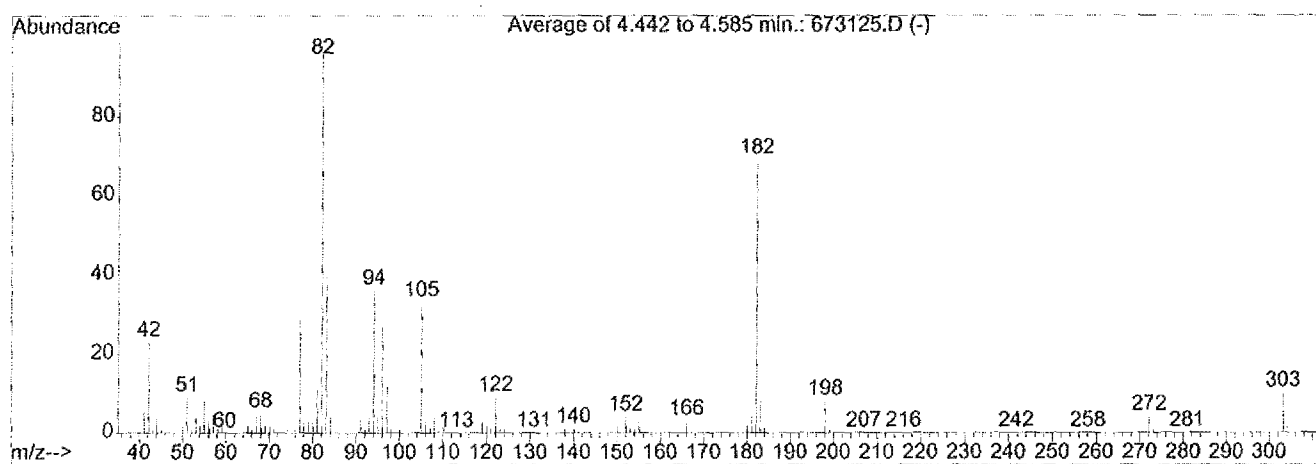
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File Name       : F:\Q3-2009\SYSTEM7\08_24_09\673125.D
Operator        : DCS
Date Acquired   : 24 Aug 2009  15:16
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 25
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

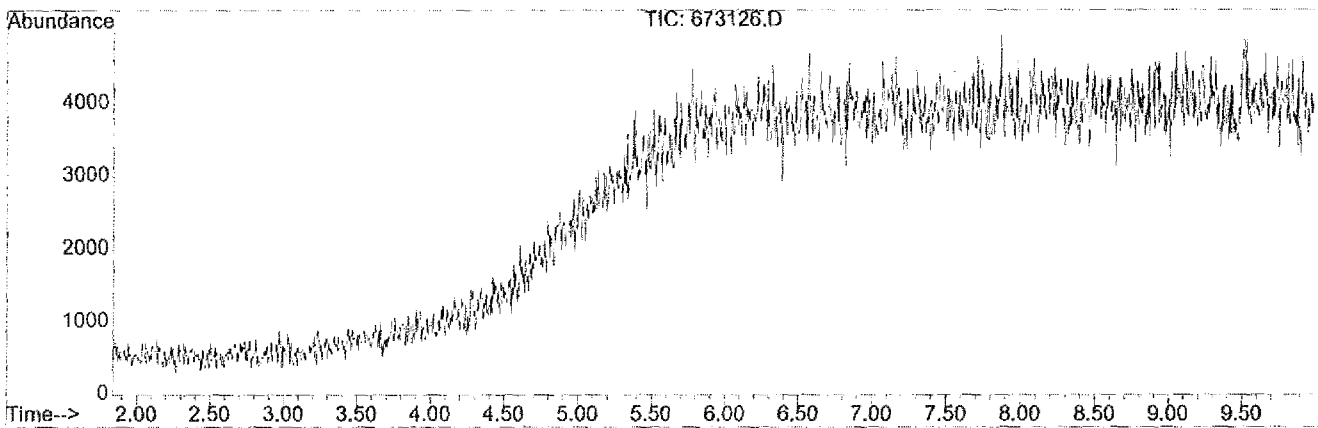
PK#	RT	Library/ID	CAS#	Qual
2	4.47	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673126.D
Operator : DCS
Date Acquired : 24 Aug 2009 15:29
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



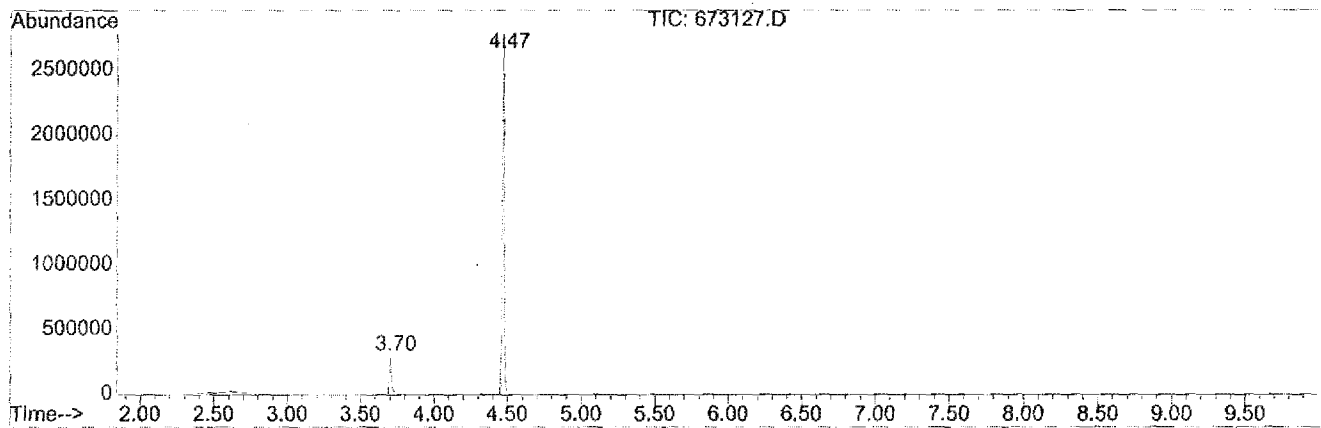
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673127.D
Operator : DCS
Date Acquired : 24 Aug 2009 15:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 27
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.701	341117	11.49	12.98
4.469	2627536	88.51	100.00

Area Percent / Library Search Report

Information from Data File:

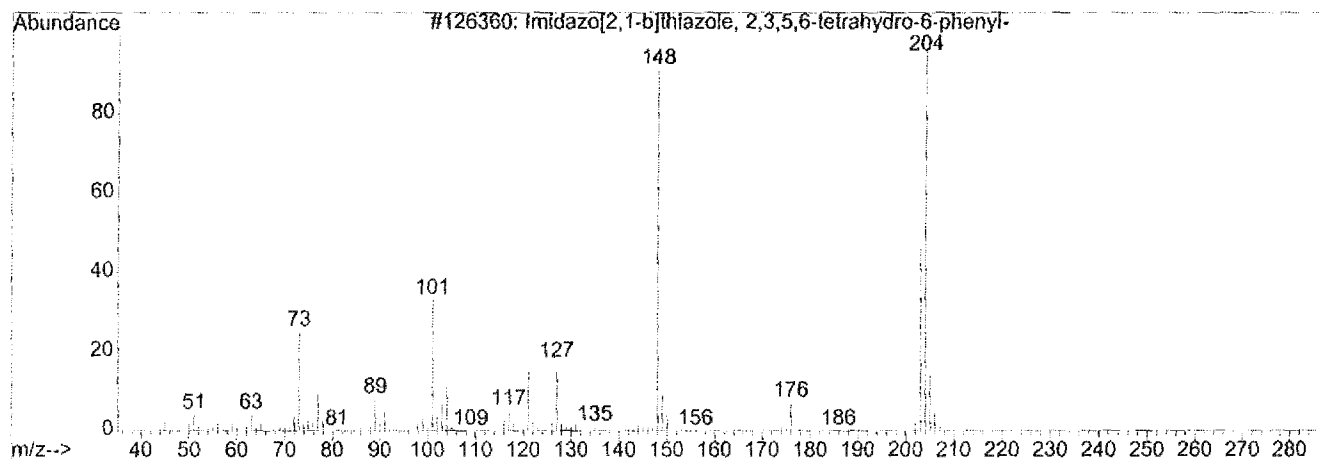
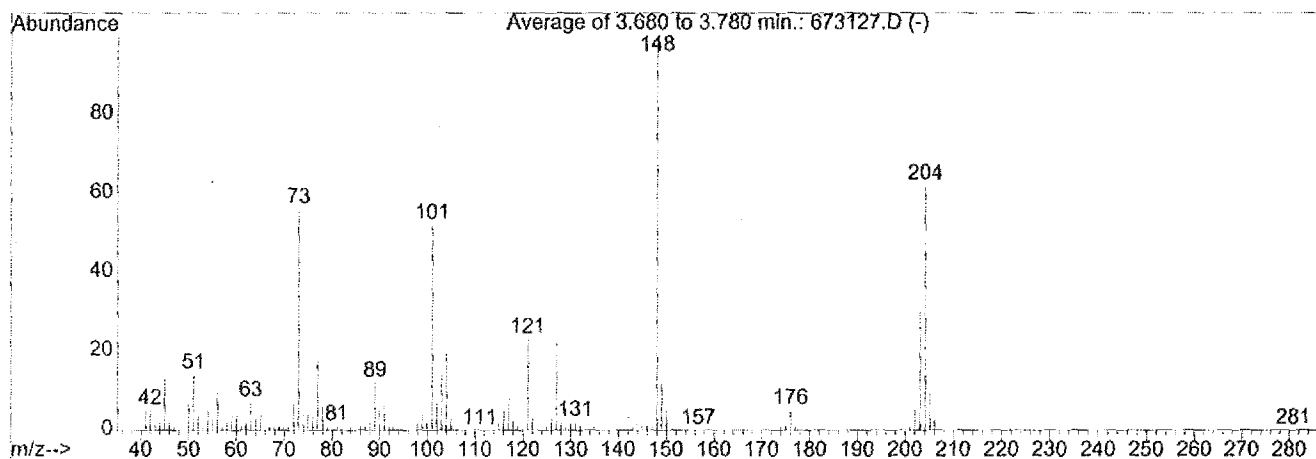
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File Name       : F:\Q3-2009\SYSTEM7\08_24_09\673127.D
Operator        : DCS
Date Acquired   : 24 Aug 2009  15:42
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 27
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.70	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



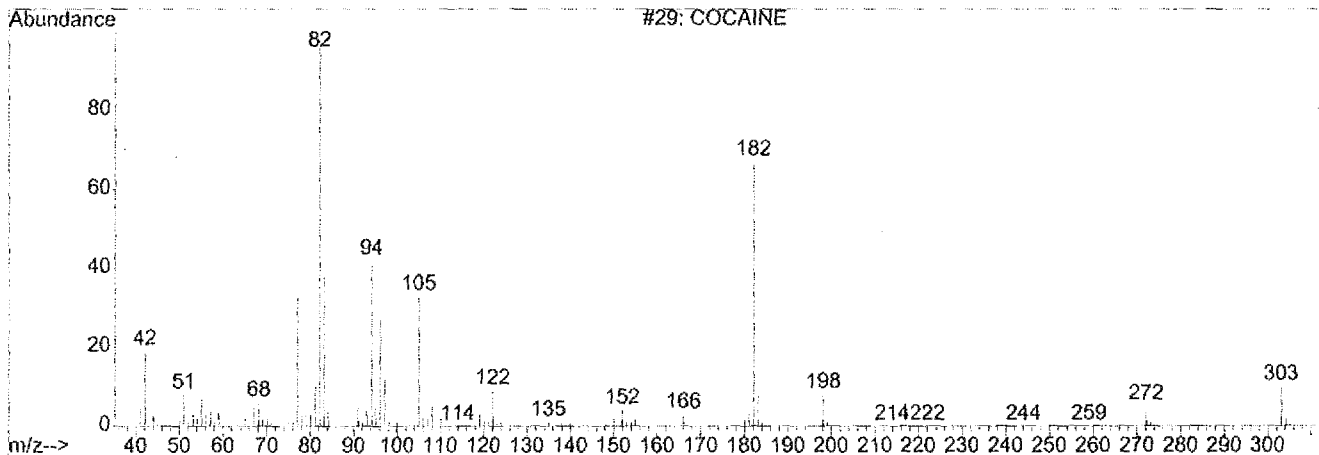
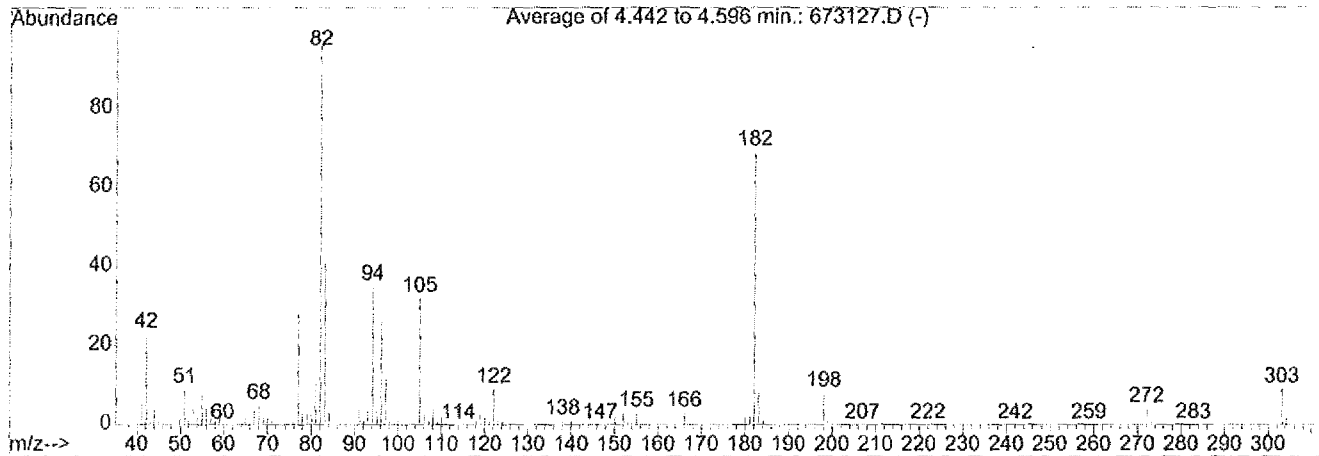
Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673127.D
Operator : DCS
Date Acquired : 24 Aug 2009 15:42
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 27
AcquisitionMeth: DRUGS
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
C:\DATABASE\NIST98.L

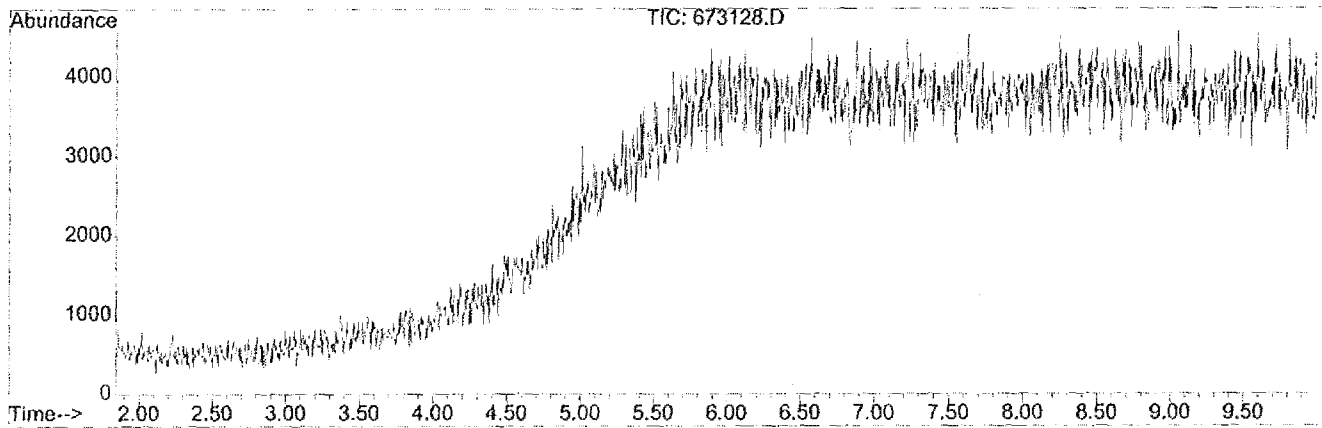
PK#	RT	Library/ID	CAS#	Qual
2	4.47	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673128.D
Operator : DCS
Date Acquired : 24 Aug 2009 15:54
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



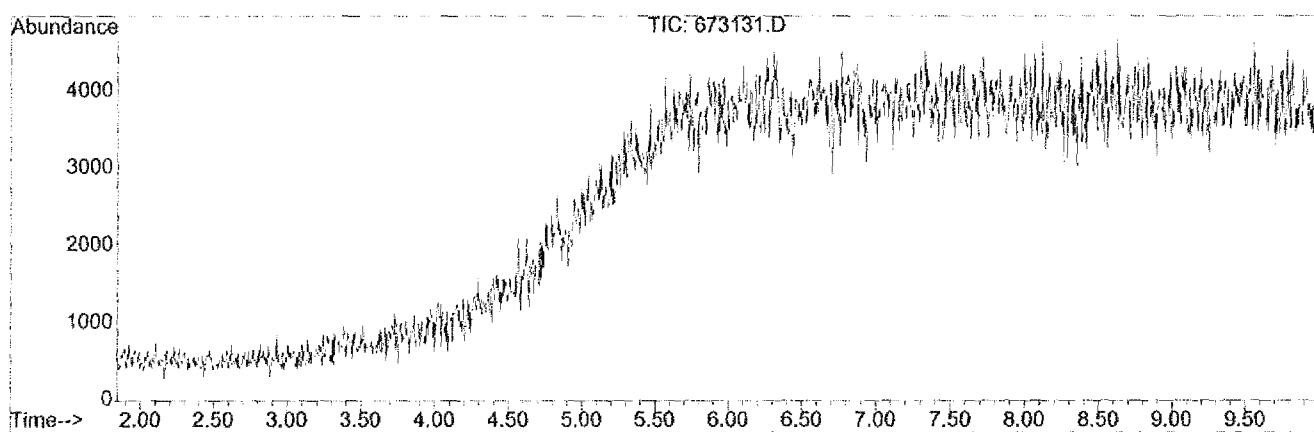
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673131.D
Operator : DCS
Date Acquired : 24 Aug 2009 16:32
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



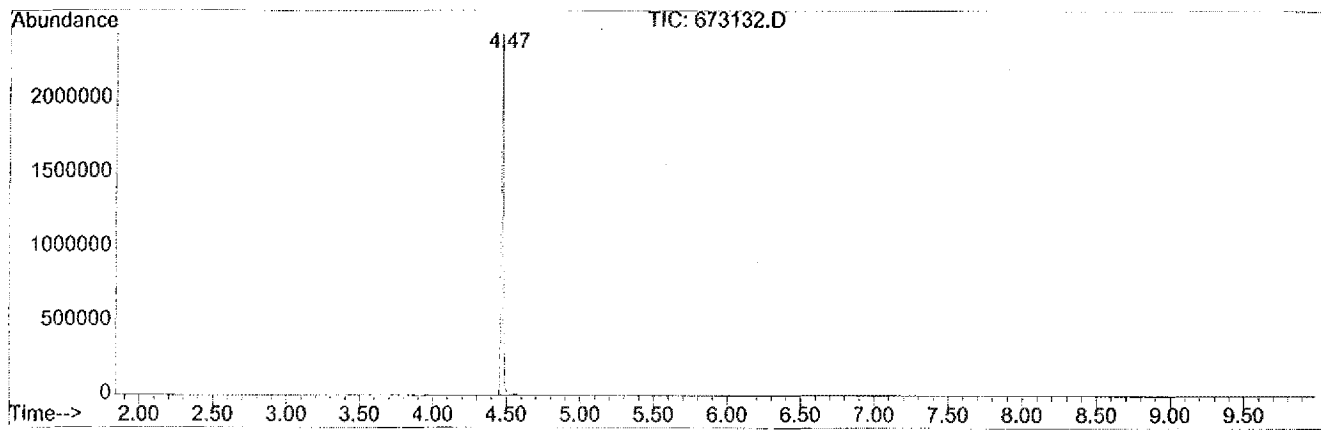
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673132.D
Operator : DCS
Date Acquired : 24 Aug 2009 16:45
Sample Name : COCAINE STANDARD
Submitted by :
Vial Number : 32
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.469	2275772	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

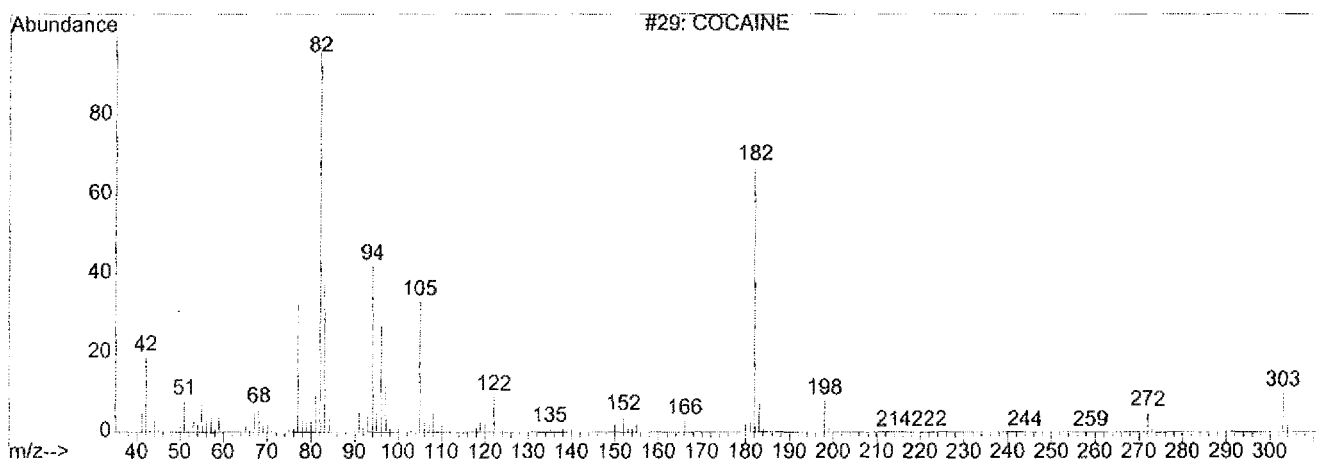
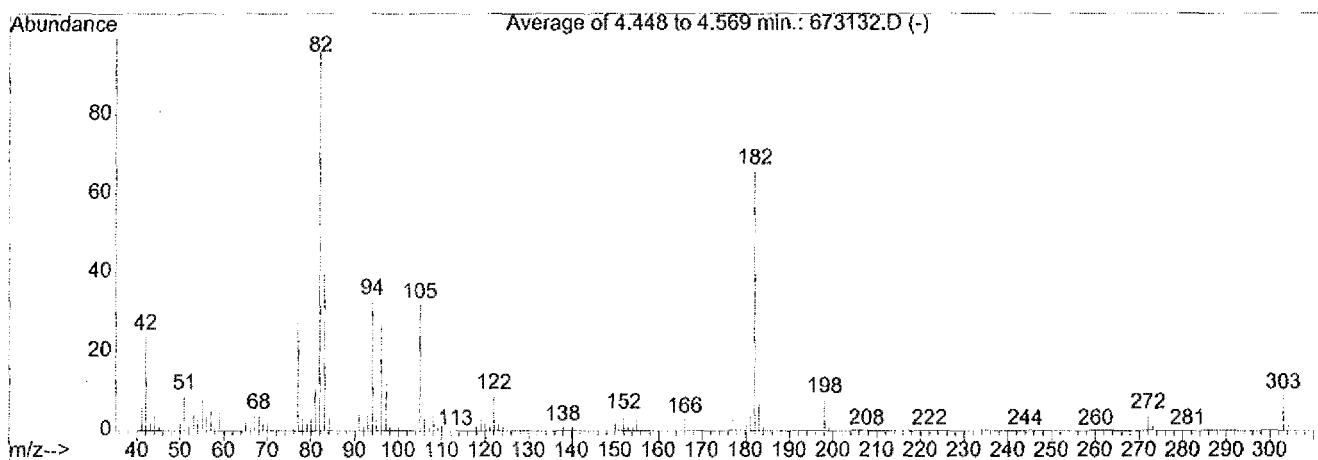
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File Name       : F:\Q3-2009\SYSTEM7\08_24_09\673132.D
Operator        : DCS
Date Acquired   : 24 Aug 2009  16:45
Sample Name     : COCAINE STANDARD
Submitted by    :
Vial Number     : 32
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

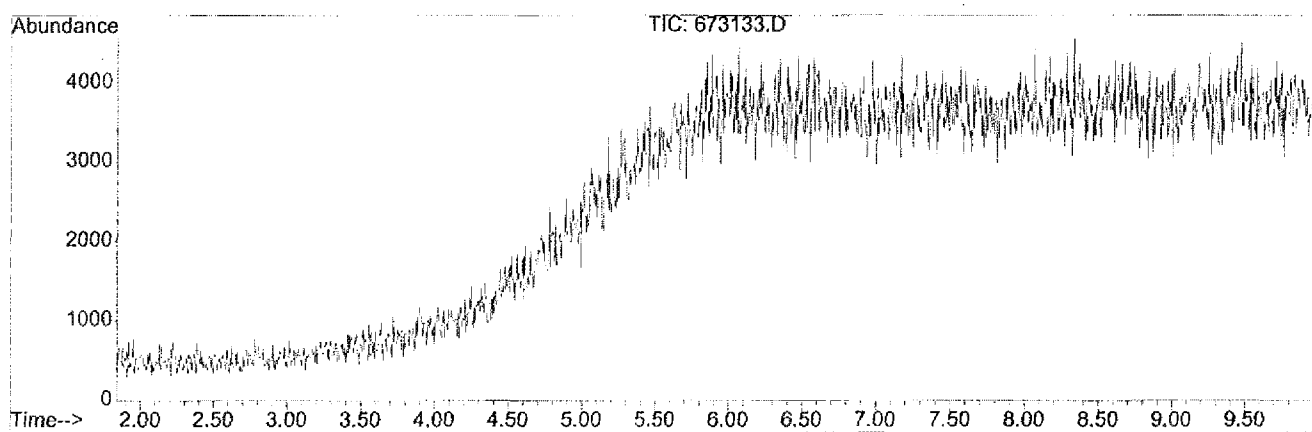
PK#	RT	Library/ID	CAS#	Qual
1	4.47	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q3-2009\SYSTEM7\08_24_09\673133.D
Operator : DCS
Date Acquired : 24 Aug 2009 16:57
Sample Name : BLANK
Submitted by : DCS
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS